## Message

From: Fennessy, Christopher [christopher.fennessy@Rocket.com]

**Sent**: 10/16/2017 2:51:59 PM

To: Keller, Lynn [Keller.Lynn@epa.gov]

CC: 'MacNicholl, Peter@DTSC' [Peter.MacNicholl@dtsc.ca.gov]; 'MacDonald, Alex@Waterboards'

[Alex.MacDonald@waterboards.ca.gov]

Subject: RE: [EXTERNAL] Re: [EXTERNAL] Re: [EXTERNAL] RE: Summary of Action Items from 9/21/17 Technical Meeting

Ok. We will do the best we can. We are not planning on recalculating the risks for all locatuons based upon the minor changes to the toxicity data since 2015, but will screen VOCs against current VI results for final figures.

----Original Message----

From: Keller, Lynn [Keller, Lynn@epa.gov]

Sent: Monday, October 16, 2017 07:49 AM Pacific Standard Time

To: Fennessy, Christopher

Cc: MacNicholl, Peter@DTSC; MacDonald, Alex@Waterboards

Subject: [EXTERNAL] Re: [EXTERNAL] Re: [EXTERNAL] RE: Summary of Action Items from 9/21/17

**Technical Meeting** 

Dan left for vacation this weekend and will be back on 30 Oct.

On Oct 16, 2017, at 07:13, Fennessy, Christopher <christopher.fennessy@Rocket.com> wrote:

Is Dan out from now until the 30th? Or can we schedule a short call to make sure we are on the same page with FS risk assessment information?

Should only take 15-30 minutes for us to understand his scope.

----Original Message----

From: Keller, Lynn [Keller.Lynn@epa.gov]

Sent: Sunday, October 15, 2017 02:21 PM Pacific Standard Time

To: Fennessy, Christopher

Cc: MacNicholl, Peter@DTSC; MacDonald, Alex@Waterboards

Subject: [EXTERNAL] Re: [EXTERNAL] RE: Summary of Action Items from 9/21/17

**Technical Meeting** 

Hi, Chris. I'll need Dan Stralka for that discussion and he's out of the country on vacation until 30 Oct. Can we please hold the risk assessment discussion on 8 Nov? Dan and Matt will be present or on the phone for that meeting.

Thank you?

Lynn

On Oct 14, 2017, at 12:29, Fennessy, Christopher < <a href="mailto:christopher.fennessy@Rocket.com">christopher.fennessy@Rocket.com</a>> wrote:

Thanks Lynn! We will add Discussion of FS risk assessment section to the October meeting agenda.

----Original Message----

From: Keller, Lynn [Keller.Lynn@epa.gov]

Sent: Friday, October 13, 2017 04:59 PM Pacific Standard Time

To: Fennessy, Christopher; MacNicholl, Peter@DTSC

Cc: MacDonald, Alex@Waterboards

**Subject:** [EXTERNAL] RE: Summary of Action Items from 9/21/17 Technical

Meeting

Chris,

I've discussed this with my toxicologist and EPA can accept this approach, as long as the FS risk assessment section is clearly presented with all data included and revised calculations, site maps, comparisons to RSL, models, etc.

Thank you,

Lynn

Lynn M. Keller, EI, PMP

US EPA Region 9 RPM

75 Hawthorne St, SFD 7-1

San Francisco, CA 94105

415.947.4162

**From:** Fennessy, Christopher [mailto:christopher.fennessy@Rocket.com]

Sent: Wednesday, October 04, 2017 2:57 PM

 $\textbf{To:} \ MacNicholl, \ Peter@DTSC < \underline{Peter.MacNicholl@dtsc.ca.gov} >; \ Keller, \ Lynn$ 

<Keller.Lynn@epa.gov>

Cc: MacDonald, Alex@Waterboards < <u>Alex.MacDonald@waterboards.ca.gov</u>> **Subject:** RE: Summary of Action Items from 9/21/17 Technical Meeting

Thanks Peter!

Christopher M. Fennessy, P.E. Aerojet Rocketdyne, Inc. Engineering Manager, Site Remediation 11260 Pyrites Way, Suite 125 Rancho Cordova, CA 95670

Ph: 916-355-3341 Fax: 916-355-6145

Email: Christopher.Fennessy@Rocket.com

**From:** MacNicholl, Peter@DTSC [mailto:Peter.MacNicholl@dtsc.ca.gov]

Sent: Wednesday, October 04, 2017 2:47 PM

**To:** Fennessy, Christopher; Keller, Lynn (Keller.Lynn@epa.gov)

Cc: MacDonald, Alex@Waterboards

Subject: [EXTERNAL] RE: Summary of Action Items from 9/21/17 Technical Meeting

DTSC is fine with this approach.

-Pete

**From:** Fennessy, Christopher [mailto:christopher.fennessy@Rocket.com]

Sent: Wednesday, October 04, 2017 12:03 PM

**To:** Keller, Lynn (<u>Keller.Lynn@epa.gov</u>) < <u>Keller.Lynn@epa.gov</u>>; MacNicholl,

Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>

Cc: MacDonald, Alex@Waterboards < Alex.MacDonald@waterboards.ca.gov > Subject: RE: Summary of Action Items from 9/21/17 Technical Meeting

Hi Lynn and Peter – We are planning to incorporate the additional DTSC-requested data currently being collected at Area 40 (to assist with FS related calculations and decisions) into a stand-alone section at the end of the HHERA and prepare updated figures for the final section of the risk assessment. These final figures will also be used in the HHERA summary section of the FS, which will tie the two documents together. Please confirm that this approach is acceptable to your risk assessment team. Thanks, Chris

Christopher M. Fennessy, P.E. Aerojet Rocketdyne, Inc. Engineering Manager, Site Remediation 11260 Pyrites Way, Suite 125

Rancho Cordova, CA 95670

Ph: 916-355-3341 Fax: 916-355-6145

Email: Christopher.Fennessy@Rocket.com

From: Fennessy, Christopher

Sent: Thursday, September 21, 2017 8:27 PM

**To:** Keller, Lynn (<u>Keller.Lynn@epa.gov</u>); MacDonald, Alex@Waterboards (<u>Alex.MacDonald@waterboards.ca.gov</u>); MacNicholl, Peter@DTSC (<u>Peter.MacNicholl@dtsc.ca.gov</u>); <u>rojas-mickelson.daewon@epa.gov</u>; jim.rohrer@dtsc.ca.gov; (Tom.Lae@ch2m.com);

PPhillips@GilbaneCo.com

Subject: Summary of Action Items from 9/21/17 Technical Meeting

EPA will provide comments on C29/C41 tech memo.

AR to provide tech memo presenting VOC data for remaining PGOU sites to determine if VI investigation is necessary

AR will send Agencies Source Area prioritization report (see attached)

AR will send Agencies a map showing locations of proposed Summer community soil gas sampling locations and rational why AR feels data is not necessary at other locations sampled during the Winter event

EPA and DTSC to inquire with risk assessors about incorporation of additional DTSC requested Area 40 data

Meetings scheduled as follows:

- 1. <!--[if !supportLists]--><!--[endif]--> October 26 9am-3pm Area 40 investigation results, FS and RAP remedy discussion
- 2. <!--[if !supportLists]--><!--[endif]--> November 8, 9am-3pm November ambient air planning, Winter indoor air sampling planning, Area 40 FS and RAP remedy discussion
- 3. <!--[if !supportLists]--><!--[endif]--> November 15 Technical meeting Source Areas
- 4. <!--[if !supportLists]--><!--[endif]--> November 16 Technical meeting Groundwater

AR will prepare a schedule to complete the following:

- 1. <!--[if !supportLists]--><!--[endif]--> Draft EOU RI/RA by end of 2020
- 2. <!--[if !supportLists]--><!--[endif]--> Final BERA FSP by end of 2017
- 3. <!--[if !supportLists]--><!--[endif]--> BERA Field work to begin early 2018
- 4. <!--[if !supportLists]--><!--[endif]--> IOU data gap schedule in accordance with current CAG schedule
- 5. <!--[if !supportLists]--><!--[endif]--> Move OU-9 SAP to 2021

EPA and DTSC to meet with Attorneys by mid-October to discuss Area 40 management and oversight approach. How do we meet August 31, 2018 deadline for remedy decision

DTSC to complete CEQA checklist by mid-October

DTSC to provide map showing locations of additional investigation samples by 9/26 and rest of investigation and RAD review comments.

AR to send out all ambient air data (June, round 1, and flux chamber) (see attached) – note, it appears this data correlates well with the June data. The 7day radiello TCE detection limit is 0.14ug/m3, so the detection at A40-AA10 (0.11ug/m3) in June could be the same in September (<0.14ug/m3).

Did I miss anything?

Christopher M. Fennessy, P.E. Aerojet Rocketdyne, Inc. Engineering Manager, Site Remediation 11260 Pyrites Way, Suite 125

Rancho Cordova, CA 95670

Ph: 916-355-3341 Fax: 916-355-6145

Email: Christopher.Fennessy@Rocket.com